

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A compact photovoltaic module comprising:
 - a) a plurality of radiation reflectors each comprising an asymmetric portion of a parabolic or similarly shaped surface **having a vertically and a longitudinally curved configuration**, the plurality of radiation reflectors being serially arranged, and
 - b) a plurality of photovoltaic cells with each cell having a corresponding reflector for directing radiation to the cell, each cell being shielded from direct radiation by an adjacent reflector and with the corresponding reflector directing off-axis radiation to the cell.

2. **(Original)** The compact photovoltaic module as defined by claim 1 wherein each reflector comprises a formed material with a reflective surface.

3. **(Original)** The compact photovoltaic module as defined by claim 2 wherein the formed material is reflective.

4. **(Original)** The compact photovoltaic module as defined by claim 2 wherein the formed material includes a reflective coating.

5. **(Original)** The compact photovoltaic module as defined by claim 4 wherein the reflective coating comprises aluminum.

6. **(Original)** The compact photovoltaic module as defined by claim 4 wherein the reflective coating comprises silver.

7. (Original) The compact photovoltaic module as defined by claim 2 wherein all reflectors are formed as one unit.

8. (Original) The compact photovoltaic module as defined by claim 2 and further including a secondary reflector located at or near the focus of a radiation reflector for directing radiation to a corresponding cell.

9. (Original) The compact photovoltaic module as defined by claim 2 and further including an optical refractor with each cell.

10. (Original) The compact photovoltaic module as defined by claim 2 wherein each cell is located at or near the focus of its corresponding reflector.

11. (Currently Amended) ~~The compact photovoltaic module as defined by claim 10~~ **A compact photovoltaic module comprising:**
a plurality of radiation reflectors each comprising an asymmetric portion of a parabolic or similarly shaped surface, wherein each radiation reflector **includes a reflective surface** and an appendage for the mounting of a cell corresponding to an adjacent reflector **and wherein the plurality of radiation reflectors are serially arranged; and**
a plurality of photovoltaic cells, each affixed to said adjacent reflector with said appendage, with each cell having a corresponding reflector for directing radiation to the cell, each cell being shielded from direct radiation by an adjacent reflector and with the corresponding reflector directing off-axis radiation to the cell.

12. (Currently Amended) A radiation reflector array comprising a plurality of radiation reflectors arranged in rows and columns, each radiation reflector comprising an asymmetric

portion of a parabolic or similarly shaped surface arranged in a vertically and a longitudinally curved configuration enabling radiation to be directed and directing radiation to or from a focus hidden behind an adjacent reflector with the radiation being off-axis with respect to the parabolic reflector.

13. (Original) The radiation reflector array as defined by claim 12 wherein material comprising the reflector array is reflective.

14. (Original) The radiation reflector array as defined by claim 12 where each reflector comprises a formed material with a reflective coating on a surface.

15. (Original) The radiation reflector array as defined by claim 14 wherein the reflective coating comprises aluminum.

16. (Original) The radiation reflector array as defined by claim 14 wherein the reflective coating comprises silver.

17. (Original) The radiation reflector array as defined by claim 14 wherein all reflectors are formed as one unit.

18. (Original) The radiation reflector array as defined by claim 14 wherein each reflector transmits radiation to or from the focus of the radiation reflector.

19. (Original) The radiation reflector array as defined by claim 12 wherein a secondary reflector is located at the focus of the radiation reflector for directing radiation to and from the reflector.

20. (Original) The radiation reflector array as defined by claim 12 wherein each radiation reflector includes an appendage for the mounting of a receiver or transmitter.

21. (Original) For use in a compact array of radiation reflectors, a radiation reflector comprising a body having an off-axis portion of a parabolic or similarly shaped surface whereby radiation is directed to or from a focus of the reflector surface.

22. (Original) The radiation reflector as defined by claim 21 wherein the reflector comprises a formed material with a reflective coating on a surface of the formed material.

23. (Original) The radiation reflector as defined by claim 22 wherein the reflective coating comprises aluminum.

24. (Original) The radiation reflector as defined by claim 22 wherein the reflective coating comprises silver.

25. (Original) The radiation reflector as defined by claim 21 wherein the reflector comprises a formed reflective material.

26. (Original) The radiation reflector as defined by claim 21 and including an appendage for the mounting of a receiver or transmitter.

27. (New) A compact photovoltaic module as recited in Claim 1 wherein:

at least some of the plurality of radiation reflectors include a secondary reflector arranged on a backside surface of the reflector for directing radiation to a corresponding cell.

28. (New) A compact photovoltaic module as recited in Claim 27 wherein:

at least some of the plurality of cells include a secondary photovoltaic element arranged to receive radiation that passes through a primary photovoltaic element of the cell and is reflected onto the secondary photovoltaic element by the secondary reflector arranged on the backside surface of the reflector.

29. (New) A compact photovoltaic module as recited in Claim 1 wherein:

at least some of the plurality of radiation reflectors include a dichroic secondary reflector arranged behind the reflector to direct a portion of the radiation onto a primary photovoltaic element of the cell; and

at least some of the plurality of cells include a secondary photovoltaic element arranged to receive another portion of the radiation that passes through dichroic secondary reflector.